



Role of LNG in a low-carbon future

LNG Producer Consumer
Conference 2021

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LIQUEFIED NATURAL GAS

Cautionary Note

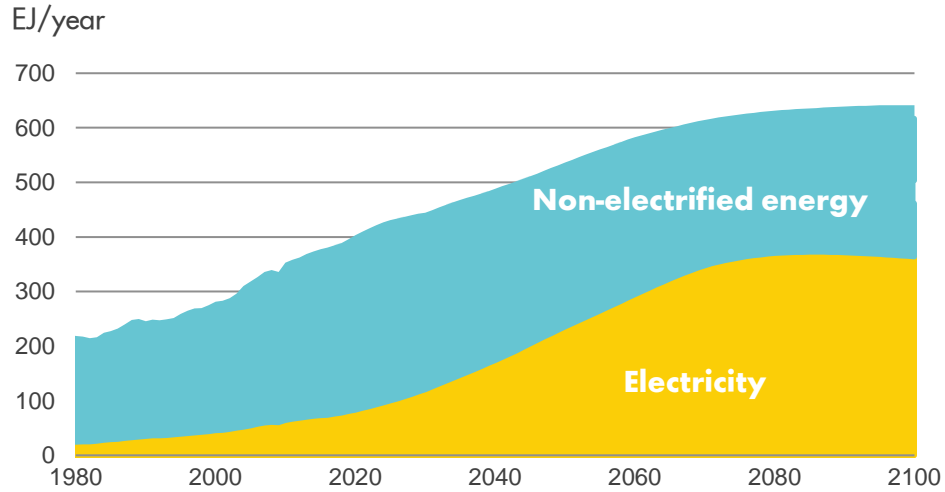
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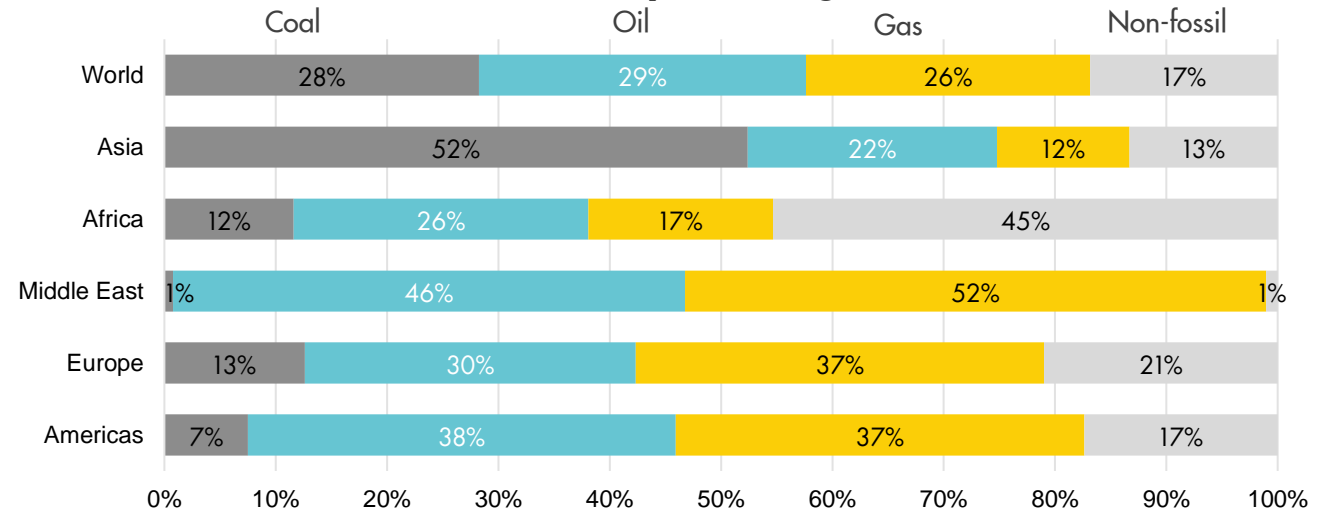
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Gas and LNG to play a key role in the journey to net zero

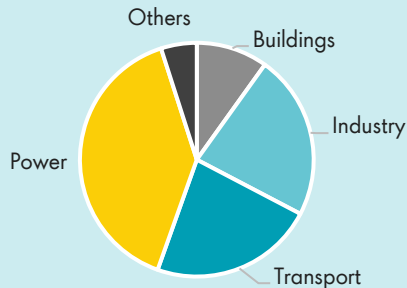
Increasing role of electricity in the future energy mix



Asia is more reliant on coal than any other region



Global emissions by sector



Benefits of coal-to-gas switching



Natural gas emits ~ 45% lower GHG emissions than coal in electricity generation



Natural gas reduces ~ 33% emissions when providing heat

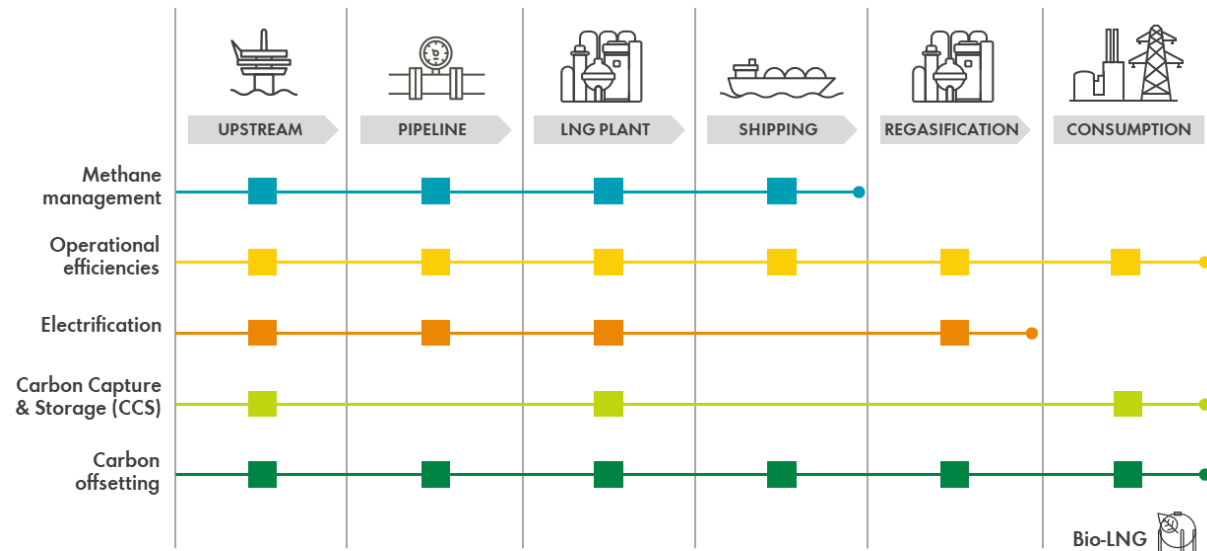


Natural gas helps save ~ 36% CO₂ emissions for DRI steel production

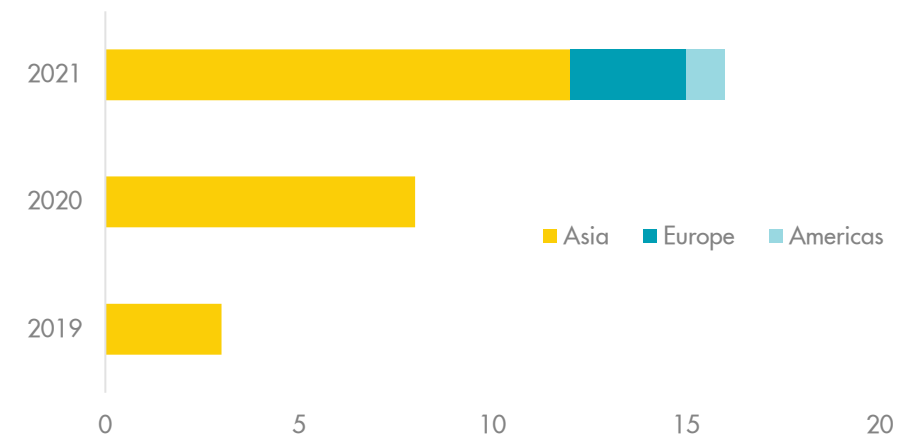
Addressing emissions from gas & LNG

While technologies to avoid and reduce emissions develop at scale, offsetting LNG is happening now

LNG value chain emissions and mitigation options



Increase in LNG cargoes with carbon offsets

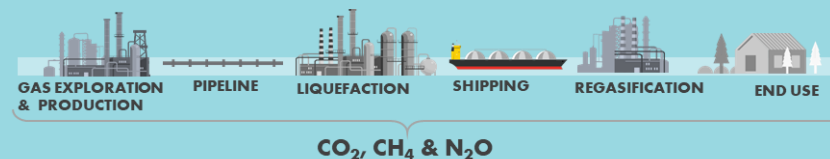


What is needed to build the offer at scale

Need for standards to measure, monitor & report emissions from well to tank



Offsetting complete lifecycle GHG emissions from production to end combustion



Use of high-quality carbon credits



